

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office					Atty. Docket No. P23554	Application No. 10/615,013		
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					 Patent & Trademark Office			
							Applicant Tsuneo HIRADE et al.			
							Filing Date July 9, 2003	Group 1713		
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JP</i>		4	8	1	8	4	5	1	04/04/89	ARAI et al.
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
EXAMINER		<i>salya soni</i>			DATE CONSIDERED		<i>7/5/03</i>			
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